



KING COUNTY
ENGINEER II
DEPARTMENT OF TRANSPORTATION
ROAD SERVICES DIVISION/ TRAFFIC ENGINEERING
Hourly Rate Range \$25.87 (entry) - \$32.79 (top) (2004 Rates)
Job Announcement No.: 04SB3964
OPEN: 1/19/04 CLOSE: 2/6/04

WHO MAY APPLY: This position is open concurrently to King County internal candidates and the general public. First consideration will be given to King County internal candidates.

WHERE TO APPLY: Required forms and materials **must** be sent to: **Road Services Division, ATTN: Scott Bruns, 201 S. Jackson St., KSC-TR-0313, Seattle, WA 98104.** Application materials must be by 4:00 p.m. on the closing date. For additional information, please contact (206) 263-6121. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE:** Applications not received at the above-specified address will not be processed.

FORMS AND MATERIALS REQUIRED: (1) A [King County Application](#), (2) resume, (3) cover letter addressing how you meet or exceed the required knowledge, skills, and abilities, and (4) a minimum of three names and phone numbers for current and former supervisors.

WORK LOCATION: 201 S. Jackson Street, Seattle, WA ("Home" office -- KCDOT) and 900 Oakesdale Ave., SW, Renton, WA ("Remote" office -- King County DDES)

WORK SCHEDULE: This full-time position nonexempt from the Fair Labor Standards Act and is overtime eligible. It works a 40-hour workweek; Monday through Friday

PRIMARY JOB FUNCTIONS: Review and evaluate commercial and school development permit applications and engineering drawings for adequacy and conformance with applicable plans, land use decisions, zoning codes, and standards with respect to traffic impacts. Provide technical civil/ traffic engineering services to the King County Department of Development and Environmental Services (DDES) under terms of the contract between KCDOT and DDES.

Some duties are performed in a matrix management environment.

Duties and responsibilities include:

- Analysis/evaluation of existing and proposed means of access to County-controlled public rights-of-way for commercial land uses
- Perform complex calculations to evaluate sight distances, access, circulation, level of service, signal timing, lane dimensions, etc.
- Conduct on-site visits to observe and record field conditions and data
- Cooperatively participate in permitting process with other agencies
- Identification of applicable traffic improvement needs
- Represent King County Traffic Engineering (KCDOT) in meetings and personal interactions with DDES staff and development industry customers in a professional manner
- Engineering plan review for roadway improvement plan sets submitted during permit approval process, and recommendation of approval of same, using information contained within traffic impact reports and discretionary land use decisions
- Explain and interpret traffic regulations, mitigation, development requirements, or analyses either orally or in writing to customers, supervisory personnel, peers/co-workers.

- Review traffic impact reports in accordance with ITE standards and County criteria, and recommend adequacy and/ or revisions to leads/supervisors.

Required Knowledge, Skills, and Abilities:

- Knowledge of traffic engineering principles equivalent to a bachelors degree in civil engineering and two (2) years of progressively responsible experience at a level equivalent to an engineer.
- Knowledge of federal, state and local laws, regulations and procedures related to traffic engineering, development review and approval, and transportation planning
- Advanced knowledge of mathematics and statistics
- Knowledge of personal computer applications for word-processing, spreadsheets, databases, and ability to learn/use specialized engineering/ permit-process tracking software
- Proficient in using Microsoft Access, Word and Excel
- Strong verbal and written communication skills
- Skill in preparing and interpreting technical reports
- Strong analytical skills
- Ability to work independently, in a team environment, and with the general public
- Ability to establish and maintain effective working relationships with peers, project leads, and supervisors
- Ability to perform physical functions of the position, which include operating a motor vehicle, lifting and carrying equipment (up to 40 pounds), and traversing uneven terrain.
- Possession of a valid Washington State Driver's License
- Ability to work independently and in a team environment
- Ability to establish and maintain effective working relationships with peers, project leads, and supervisors
- Ability to visit construction sites, and, perform field visits on/over rough terrain without assistance
- Ability to have predictable and reliable attendance

HIGHLY DESIRED QUALIFICATIONS:

- Knowledge of regulation and guidelines pertaining to Traffic Engineering, including the Washington State Department of Transportation (WSDOT) Design Manual and Standard Plans; Manual on Uniform Traffic Control Devices (MUTCD); and Highway Capacity Manual.
- Proficiency in ArcView GIS and AutoCAD software. Prior experience in traffic engineering performing the primary functions of the job (as listed above).
- EIT or PE registration.

UNION MEMBERSHIP: Positions in this classification are represented by IFPTE, Local 17A

CLASS CODE: 8508 SEQUENCE #: 2051